

DOCKET NO. 2004.01.014.WS0
U.S. SERIAL NO. 10/763,483
PATENT

REMARKS

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Claims 1-24 are pending in the present application.

Claims 1-24 were rejected in the March 26, 2007 Office Action.

No claims have been allowed.

Claims 1, 4, 7, 10, 13, 16, 19 and 22 are amended herein.

Claims 1-24 remain in the present application.

Reconsideration of the claims is respectfully requested.

In Sections 1 and 2 of the March 26, 2007 Office Action, the Examiner rejected Claims 1-24 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,822, 973 to the *Kelley, et al.*, (the "Kelley reference") in view of U.S. Patent Application Publication No. 2005/0007973 to *Jang, et al.* (the "Jang reference"). Applicants respectfully disagree and traverse the Examiner's arguments in support of the rejection.

Claim 1 of the present application currently requires:

For use in a wireless network, a base station capable of controlling the use of the reduced slot cycle mode by a selected one of a plurality of mobile stations communicating with said base station, said base station comprising:
a message controller capable of transmitting a *Page message to a first mobile station notifying said first mobile station that a data session between said base station and said first mobile station is being activated*; and
a reduced slot cycle controller coupled to said message controller and capable of receiving a *Page Response message from said first mobile station, in response to said Page message, said Page Response message comprising a minimum reduced slot cycle index (SCI) value requested by said first mobile station*,
wherein said reduced slot cycle controller, in response to receipt of said Page Response message, causes said message controller to transmit to said first mobile station a *first Release Order message comprising a modified data field containing a selected reduced slot cycle index (SCI) value at which said first mobile station will operate*, and
wherein, after said data session is complete, said reduced slot cycle controller is further capable of transmitting a *second Release Order message comprising a normal SCI value at which said first mobile station will operate*. (emphasis added).

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Notably, Claim 1 requires that a *base station transmit a Page message to a mobile station* notifying the mobile station that a *data session* between it and the mobile station is being activated. After sending this notification, the base station receives a Page Response *from the mobile station* requesting a *minimum reduced slot cycle index (SCI) value*. Upon receipt of the Page Response, the base station transmits a first Response Order message comprising a *modified data field containing a selected reduced slot cycle index (SCI) value at which said first mobile station will operate*.

After careful review of the Kelly reference and, in particular, those sections cited by the Examiner, Applicants find that the Kelly reference, at the very most, teaches two methods of performing *base station initiated* reduced slotted mode operations. Each *begins* with the base station *transmitting a message* to the mobile station and *releasing* it from a traffic channel after a *period of inactivity over the traffic channel during a packet data session*. Kelly reference, column 4, lines 58-62 and column 5, lines 13-17.

In the first method, the mobile station determines from the transmitted message whether the base station supports reduced slotted mode, and if so, whether the base station specified a maximum reduced slotted timer value. *Id.* at column 4, lines 62-65. If a maximum reduced slotted timer value is specified by the base station, the mobile station requests reduced slotted mode specifying a reduced SCI and a reduced slotted timer value no greater than the maximum reduced slotted value specified by the base station. *Id.* at column 4, line 65-column 5, line 2. The Kelly reference, however, fails to teach or disclose, that in response to a *base station transmitting a Page message to a mobile station* notifying the mobile station that a *data session* between it and the mobile station is

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being *activated*, the base station receives a Page Response *from the mobile station* requesting a *minimum reduced slot cycle index (SCI) value*.

In the second method, the transmitted message from the base station indicates that the base station will support reduced slotted mode. *Id.* at column 5, lines 13-17. Based on the transmitted message, the mobile station sends a request including the desired reduced SCI and a desired reduced slotted timer value. *Id.* at column 5, lines 17-20. The base station then enables a reduced slotted timer using a timer value that does not exceed a maximum value. *Id.* at column 5, lines 20-24. The base station then begins to operate in the reduced slotted mode and pages the mobile station when a page request is received. *Id.* at column 5, lines 24-27. The *base station ultimately operates in a reduced slotted mode* until an event occurs or the time period expires. *Id.* at column 5, lines 27-30.

Accordingly, neither method disclosed in the Kelly reference teaches a *base station that transmits a Page message to a mobile station* notifying the mobile station that a *data session* between it and the mobile station is *being activated*, nor does the Kelly reference teach that after sending such a notification, the base station receives a Page Response *from the mobile station* requesting a *minimum reduced slot cycle index (SCI) value*, as required by Claim 1.

The Examiner simply cites to the Jang reference for disclosing a modified data field containing a selected reduced slot cycle index value. However, the Kelly reference, either alone or in any combination with the Jang reference, fails to teach or disclose each and every element of Claim 1. For example, the Kelley and Jang references fail to teach a *base station transmitting a Page message to a mobile station* notifying the mobile station that a *data session* between it and the

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mobile station is *being activated*, as required by Claim 1. Moreover, neither reference teaches, after sending this notification, a base station that receives a Page Response *from the mobile station* requesting a *minimum reduced slot cycle index (SCI) value*. Finally, there is no teaching or disclosure within either reference of when *after the data session is complete*, the reduced slot cycle controller is further capable of transmitting *a second Release Order message comprising a normal SCI value at which said first mobile station will operate*, as also required by Claim 1.

Claim 1 and its dependents, Claims 2-6 are thus allowable. Similar arguments exist for Claims 7, 13 and 19 (and their respective dependents). Accordingly, Applicants respectfully request favorable reconsideration and the withdrawal of the §103 rejection.

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SUMMARY

For the reasons given above, the Applicants respectfully request reconsideration and allowance of the pending claims and that this application be passed to issue. If any outstanding issues remain, or if the Examiner has any further suggestions for expediting allowance of this application, the Applicants respectfully invite the Examiner to contact the undersigned at the telephone number indicated below or at *jmockler@munckbutrus.com*.


The Commissioner is hereby authorized to charge any additional fees connected with this communication or credit any overpayment to Deposit Account No. 50-0208.

Respectfully submitted,

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